

IN THE CLAIMS:

Please consider the claims as follows:

1. (Previously Presented) A propellant holder for being releasably mounted in a setting tool having a data communication interface (31), said propellant holder comprising a housing (21) having an interior space (22) for receiving propellant (23); and a data storage identification unit (40) affixed to said housing (21) and in which a propellant supply level (27) is stored for being read-out by the data communication interface (31) of the setting tool.
2. (Original) A propellant holder according to Claim 1, further comprising a data communication interface (41) connected with the data storage identification unit (40).
3. (Original) A propellant holder according to Claim 1, wherein the data storage identification unit (40) is formed as EEPROM (45).
4. (Original) A propellant holder according to Claim 2, wherein the data communication interface (41) is formed as an antenna.
5. (Original) A propellant holder according to Claim 4, wherein the antenna is formed as a transponder antenna.
6. (Original) A propellant holder according to Claim 2, wherein the data communication interface (41) is formed as a contact element.
7. (Original) A propellant holder according to Claim 1, wherein the data storage identification unit (40) is formed as a magnetic strip (44).
8. (Original) A propellant holder according to Claim 1, wherein the propellant (23) is formed of solid propellant charges (25).

9. (Previously Presented) A propellant holder according to Claim 1, wherein the propellant holder is formed as a pressure container for at least one of gaseous fuel and liquid fuel (24).

10. (Previously Presented) An explosion-driven setting tool, comprising a setting mechanism (12) driven by a propellant (23); ignition means (18) for igniting the propellant (23); a receptacle (15) for receiving a propellant holder (20) having a data storage identification unit (40); a display (50) for displaying a propellant supply level (27) in the propellant holder (20); a data communication interface (31) for receiving and transmitting data with the data storage identification unit (40) of the propellant holder (20); and a data processing unit (30) operationally connected with the data communication interface (31) and the display (50).

11. (Original) An explosion-driven setting tool according to Claim 10, wherein the data processing unit (30) is connected with the ignition means (18) for controlling the same.

12. (Previously Presented) An explosion-driven setting tool according to Claim 11, wherein the data processing unit (30) actuates the ignition means (18) for igniting the propellant when following conditions are met:

the data processing unit (30) receives identification data which are read-out from the data storage identification unit (40) of the propellant holder (20) received in the receptacle (15) of the setting tool and which are recognized by the data processing unit (30) as authorized identification data of a propellant (23) suitable for the setting tool (10); and

propellant supply level data (27) read-out from the data storage identification means (40) and communicated to the data processing unit (30) indicate that the propellant holder (20) is not empty.

13. (Original) An explosion-driven setting tool according to Claim 10, wherein the data communication interface (31) is located in a region of the propellant holder receptacle (15).

14. (Original) An explosion-driven setting tool according to Claim 10, wherein the data communication interface (31) is formed as an antenna (32).

15. (Original) An explosion-driven setting tool according to Claim 10, wherein the data communication interface (31) is formed as a mating contact element (33).

16. (Original) An explosion-driven setting tool according to Claim 10, wherein the data communication interface is formed as a magnetic strip reader (34).

17. (Previously presented) An explosion-driven setting tool, comprising a setting mechanism (12) driven by a propellant (23); ignition means (18) for igniting the propellant (23); a receptacle (15) for receiving a propellant holder (20), said propellant holder having a housing (21) with an interior space (22) for receiving propellant (23) and a data storage identification unit (40) in which a propellant supply level (27) is stored for being read-out; a display (50) for displaying the propellant supply level (27); a data communication interface (31) for receiving identification data read-out from the data storage identification unit (40); and a data processing unit (30) for receiving the identification data from the data communication interface (31) and connected with the display (50) for communicating the propellant supply level (27) thereto.

18. (Previously Presented) The propellant holder of claim 1, wherein said data storage identification unit (40) further stores propellant identification data.

19. (New) The propellant holder of claim 1, wherein the propellant supply level (27) being stored in the data storage identification unit (40) and being read-out by the data communication interface (31) of the setting tool changes as the propellant is consumed during operation of said setting tool.